



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3619-1
Job Sheet 203667



Part No: D3619-1

Job Qty: 6 pcs

Part Name: Grommet



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/25/19

Job Tracking No:

Created By: Chantal Lavoie

Due Date: 12/6/19

Description:

Type: Stock

Note: DWG REV A IPP Rev:A New Issue 07-04-09 JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	6 pcs	12/6/19	12/6/19	0.00	0.00	Purchasing - 1	
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	6 pcs	12/6/19	12/6/19	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Container No: S235515

Part: D3619-1

Job No: 203667

Serial No/Batch: S235515

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/27/19

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	6 pcs	12/6/19	0.00	0.00	QC 6 - 9	DAS
					QC 6 - 68	JAN 14 2020 03
					QC 6 - 61	9-89
					QC 6 - 40	
					QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	6 pcs	12/6/19	0.00	0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	DAS
					Packaging 3 - 23 - B4B	34
					Packaging 3 - 24 - B4B	9-89
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - SA	6 pcs	12/6/19	0.00	0.00	QC 21 - SA - 21	DAS
					QC 21 - SA - 70	21
					QC 21 - SA - 53	9-89

JAN 15 2020

Part Op 100 - (Purchasing) Issue P/O: _____ Purchase Part Number: 9610K17
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure material certification is attached
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____) ****Remove supplier paperwork from box. ***** Location: _____
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
9610K17	Grommet D3619-1	6 Ea (1 ea)	100-Purchasing	SZ 35512

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	9610K17	6	0	0

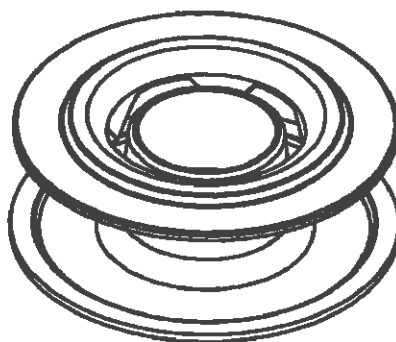
Part Specifications	
Specifications could not be found.	

Plex 11/25/19 8:45 AM Dart.Lavoie.Chantal



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3619	REV. A SHEET 1 OF 1
DATE 07.03.26		TITLE GROMMET	SCALE NTS
REV A	DATE 07.03.26	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING



RELEASED
07 04 02 *[Signature]*

D3619-X GROMMET,
WHERE X REPRESENTS THE GROMMET TRADE SIZE

DART P/N	TRADE SIZE	DESCRIPTION	HOLE SIZE	MAX. MTL THICKNESS	MCMaster CARR P/N
D3619-0	0	BRASS GROMMET W/ TEETH	1/4	0.110	9610K16
D3619-1	1	BRASS GROMMET W/ TEETH	9/32	0.120	9610K17
D3619-2	2	BRASS GROMMET W/ TEETH	3/8	0.150	9610K18
D3619-3	3	BRASS GROMMET W/ TEETH	7/16	0.230	9610K19
D3619-4	4	BRASS GROMMET W/ TEETH	1/2	0.300	9610K21

NOTES:

1) PURCHASE INFO: MCMaster-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,
24 GROMMETS FOR SIZE 2, 3 & 4,
D3619-XT1 HOLE PUNCH,
D3619-XT2 STRIKER BLOCK,
D3619-XT3 PUNCH AND
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB045190



Supplier: MCM001-VU
McMaster-Carr Supply Co.
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045190

PO Date: 11/25/19

Due Date: 11/28/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

NOV 26 2019

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		50715K179		1/pack	Female Pipe Adapter SS 37 Degree Flared Fitting for Stainless Steel Tubing 1/pack	Firmed	-	11/28/19	3 Ea	0 Ea	3 Ea	\$26.07/Ea	\$78.21
2		51495K116		1/pk	COUPLING 1/2" NCKL PLTD BRASS	Firmed	-	11/28/19	20 Ea	0 Ea	20 Ea	\$7.78/Ea	\$155.60
3		5274T761		5/pk	Polypropylene Vial for Flange Wrench Bolts receive ea	Firmed	-	11/28/19	10 Ea	0 Ea	10 Ea	\$1.744/Ea	\$191.84
4	208531	63215K34	D2611 REV. C		Bearing (D2611) AS PER DWG D2611 rev. C	Firmed	-	11/28/19	70 Ea	0 Ea	70 Ea	\$18.58/Ea	\$1,300.60
5		90081A077		100/pk	Drive Screw #2 1/4" Long	Firmed	-	11/28/19	100 Ea	0 Ea	100 Ea	\$0.0367/Ea	\$3.67
6		91650A350		10/pk	Spiral Retaining Ring, Rnd 7/16 Shaft receive ea	Firmed	-	11/28/19	10 Ea	0 Ea	10 Ea	\$1.119/Ea	\$11.19
7		92185A143		25/pk	SS316 Socket Head Screw #6-32 X 1/8" Long	Firmed	-	11/28/19	25 Ea	0 Ea	25 Ea	\$0.4404/Ea	\$11.01
8		9642K63		1/pk	440C SS Ball 3/4" Dia.	Firmed	-	11/28/19	2 Ea	0 Ea	2 Ea	\$4.43/Ea	\$8.86



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PURCHASE ORDER POHB045190



Items													
Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9		M301S22GA		3543T77 3SF	301 SS Sheet - Full hard : MATERIAL: AISI 301 SS SHEET MINIMUM 1/4 HARDNESS (NOT ANNEALED) 2B FINNISH AS PER AMS 5517/AMS 5518/AMS 5902/ AMS 5519 OR ASTM A666 WHIT MIN. FTU = 125 KSI & MIN FTY = 75 KSI receive sf	Firmed	-	11/28/19	6 sf	0 sf	6 sf	\$29.00/sf	\$174.00
NOV 27 2019													
10		MT-BRONZE-C63000-R1.000	MT-BRONZE-C63000-R	8203K61 6 FT long	Bronze C63000 Round Bar 1.000" : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed	-	11/28/19	6 ft	0 ft	6 ft	\$49.00/ft	\$294.00
NOV 27 2019													
11		RBEL135M-2905-101-30	RBEL135M-2905-101	9003K41 1/PK	Poly-V Groove Belt	Firmed	-	11/28/19	3 Ea	0 Ea	3 Ea	\$10.68/Ea	\$32.07
12		SWA6A-1900	NOV 28 2019	69525K16 100/pk	1/4" Female Spade Connector	Firmed	-	11/28/19	100 Ea	0 Ea	100 Ea	\$0.0772/Ea	\$7.72
13		RBT18625-151		97447A015 250/pk	Rivet	Firmed	-	11/28/19	250 Ea	0 Ea	250 Ea	\$0.03152/Ea	\$7.88
14		RBT18625-150		5/PK	Flat Washer	Firmed	-	11/28/19	10 Ea	0 Ea	10 Ea	\$0.904/Ea	\$9.04
15	203666	92311A639	D2747 REV. B	10/pk	SS Set Screw D2747	Firmed	-	11/28/19	100 pcs	0 pcs	100 pcs	\$0.629/pcs	\$62.90
16	203668	D3373-7P	D3373 REV. A	1770A725 KEYED ALIKE	Cam Lock : Various STC's receive pcs	Firmed	-	11/28/19	10 Ea	0 Ea	10 Ea	\$8.50/Ea	\$85.00
17	203667	9610K17		1/pk	Grommet D3619-1	Firmed	-	11/28/19	6 Ea	0 Ea	6 Ea	\$12.90/Ea	\$77.40
Grand Total:												\$2,510.99	



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PURCHASE ORDER
POHB045190



Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A015 PERSONNEL QUALIFICATION
A025 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

CL
[Signature]

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/25/19 9:01 AM Dart.Lavoie.Chantal

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

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1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB045190
Order Placed By
Chantal Lavoie

McMaster-Carr Number
5694067-03

Page 1 of 2
11/26/2019

Line	Product	Ordered	Shipped
1	50715K179 37 Degree Flared Fitting for Stainless Steel Tubing, Adapter for 5/16" Tube OD x 1/8 NPT Female	3 Each	3
2	51495K116 Nickel-Plated Brass Push-to-Connect Tube Fitting for Air, Straight Connector, for 1/2" Tube OD	20 Each	20
3	5274T761 Polypropylene Plastic Vials with Tight Fitting Lid, 1.9 oz./55 ml Capacity, Packs of 5	2 Packs	2
4	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD	70 Each	70
5	90081A077 Zinc-Plated Steel Screw Nails for Metal, Plastic and Plywood, Size 2, 1/4" Long, Packs of 100	1 Pack	1
6	91650A350 Heavy Duty Spiral External Retaining Ring, 18-8 Stainless Steel, for 7/16" OD, Packs of 10	1 Pack	1
7	92185A143 Super-Corrosion-Resistant 316 Stainless Steel Socket Head Screw, 6-32 Thread Size, 1/8" Long, Packs of 25	1 Pack	1
8	9642K63 Tight-Tolerance Hardened 440C Stainless Steel Ball, 3/4" Diameter, Packs of 1	2 Packs	2
11	9003K41 Ultra-Flexible Banded V-Belt, Trade Number 180J4, 18-5/16" Outer Circumference	3 Each	3
12	69525K16 Non-Insulated Quick-Disconnect Terminals, Single-Crimp Female, 16-14 Gauge, 1/4" Wide x 0.032" Thick Tab, Packs of 100	1 Pack	1
13	97447A015 Aluminum Blind Rivets with Aluminum Mandrel, Domed Head, 1/8" Diameter, for 0.063"-0.125" Material Thickness, Packs of 250	1 Pack	1
14	94744A285 Zinc-Plated Steel Washer for Soft Material, 1/2" Screw Size, Narrow ASME Designation, Packs of 5	2 Packs	2
15	92311A639 8-8 Stainless Steel Cup-Point Set Screw, 3/8"-24 Thread, 1" Long, Packs of 10	10 Packs	10
16	1770A725 Zinc Keyed Cam Lock, Nickel-Plated, Key #C420A for 1-7/16" Maximum Thickness, Clockwise	10 Each	10
17	9610K17 Fabric Grommet Kit with Tooth Lock Washers, Trade Size 1, for 0.12" Maximum Thickness	6 Each	6

RECEIVED

NOV 27 2019

Shipped separately from our Chicago warehouse on 11/26

DART AEROSPACE LTD.

9	3543T77 Fatigue-Resistant 301 Stainless Steel Sheet with Certification, 12" x 36", Spring Temper, 0.020" Thick	2 Each	2
10	8203K61 High-Strength 630 Bronze, 1" Diameter, 6 Feet Long	1 Each	1

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB045190

Order Placed By
Chantal Lavoie

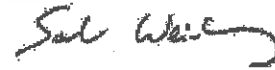
McMaster-Carr Number
5694067-03

Page 2 of 2

11/26/2019

Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.



Sarah Weinberg
Compliance Manager